

Patent Claims

1. Method for the simplified access to a telecommunication network and the billing of telecommunication services,  
characterized in that in the telecommunication network authentication processes are used which make it possible for the subscriber to ascertain at any freely choosable point in time that a payment is being made for the service requested or to be requested, or has already been made.
2. Method according to claim 1, characterized in that an authentication process is used by means of which the identity of the subscriber using services in the telecommunication network is established by at least one of the following measures:
  - by a digital signature;
  - directly over existing dependable mechanisms (EC card, electronic exchange)
  - by technical proof beyond doubt of the association of the subscriber with a dependable third party which takes responsibility for the payment (credit organization).
3. Method according to claim 1 or 3, characterized in that the authentication and registration of the subscriber, and the billing of the requested services, occur by means of a credit card.
4. Process according to one of claims 1 to 3, characterized in that application of the subscriber to the telecommunication network occurs with the aid of a special subscriber identity module (Simple-SIM).

5. Method according to one of claims 1 to 4, characterized in that in the telecommunication network a special homeland register (Simple-HLR) is set up, which serves exclusively for the authentication and the registration of the special subscribers identification modules (Simple-SIMs).
6. Method according to one of claims 1 to 5, characterized in that the special subscriber identification module and the special homeland register have at their disposal restricted functionalities with respect to the regularly used subscriber identification module and the homeland register.
7. Device for simplified access to a telecommunication network and for the billing of telecommunication services, characterized in that the devices are present by means of which a subscriber can prove to the network operator in time context with an electronic payment process that a payment is being made, or has already been made for services requested or to be requested.

[Drawings follow]